

M8 - 10.1 - " $x \pm a = b$ " HW

Answer should say $x = \underline{\quad}$

Solve for x , by *subtracting to both sides*.

$$x + 3 = 5$$

$$x + 2 = 7$$

$$3 + x = 5$$

$$7 = x + 3$$

$$4 + x = 8$$

$$4 = x + 1$$

Solve for x , by *adding to both sides*.

$$x - 2 = 3$$

$$x - 5 = 9$$

$$-7 + x = 2$$

$$-12 + x = 3$$

$$8 = x - 3$$

$$-10 = x - 7$$

$$x + 4 = -3$$

$$x + 5 = -2$$

$$9 + x = -6$$

$$a + x = -b$$

$$x + 2 = 0$$

$$-3 = x + 5$$

$$0 = x + 5$$

$$10 = 9 + x$$

$$-8 = 5 + x$$

$$a = b + x$$

$$x - 7 = -4$$

$$x - a = -b$$

$$-a + x = b$$

$$-9 + x = -2$$

$$-3 + x = -2$$

$$-2 = -4 + x$$

$$5 = -2 + x$$

$$4 = -4 + x$$

$$4 = -8 + x$$

$$-b = x - a$$

M8 - 10.1 - $-x \pm a = b$ HW

Solve for x

$$5 - x = 2$$

$$4 - x = 8$$

$$-x + 5 = 2$$

$$4 = 6 - x$$

$$7 = 5 - x$$

$$-2 = 5 - x$$

Solve for x

$$-x - 4 = 2$$

$$-x - 3 = -7$$

$$-3 - x = -3$$

$$3 = -2 - x$$

$$-4 = -1 - x$$

$$-5 = -4 - x$$

$$\begin{aligned} -2 &= 4 - x \\ -8 &= 6 - x \\ 7 &= 2 - x \\ -b &= a - x \\ 3 &= 8 - x \end{aligned}$$

$$\begin{aligned} 6 - x &= -10 \\ 2 - x &= -3 \\ -x + 2 &= 8 \\ -x + a &= -b \\ -x + 4 &= -3 \end{aligned}$$

$$\begin{aligned} -x - 2 &= 4 \\ -2 - x &= 6 \\ -5 - x &= 2 \\ -x - a &= b \\ -c - x &= -d \end{aligned}$$

$$\begin{aligned} 7 &= -x - 5 \\ -4 &= -6 - x \\ 3 &= -x - 7 \\ b &= -x - a \\ -d &= -c - x \end{aligned}$$